

Class Schedule

Operating Systems

(18 December 2000)

Date	Lec	Due (Lecs)	Lecture Topic (Section in Text)	Date	Lec	Due (Lecs)	Lecture Topic (Section in Text)	Date	Lec	Due (Lecs)	Lecture Topic (Section in Text)
8/28	01		Course Introduction, OS Overview	8/30	02		Operating System History (Chapter 1)	9/1	03		Computer System Structures (Chapter 2)
9/4			Class Cancelled (Labor Day)	9/6	04		Operating System Structures (Chapter 3)	9/8	05		Processes (4.1)
9/11	06		Process States & Scheduling (4.2, 4.3)	9/13	07		Cooperating Processes (4.4, 4.6)	9/15	08		Threads (4.5)
9/18	09	HW1 (01-08)	Nachos Overview	9/20	10		Mutual Exclusion (6.1, 6.2)	9/22	11		Semaphores (6.4, 6.5.1)
9/25	12		Implementing Semaphores (6.4)	9/27	13		Locks & Condition Variables (6.6, 6.7)	9/29	14	P1 (04-09)	Locks & Condition Variables (6.6, 6.7, 6.5.3)
10/2	15		Readers / Writers Problem (6.5.2)	10/4	16		Non-Preemptive Scheduling (5.1, 5.3.1)	10/6	17		Preemptive Scheduling (5.2, 5.3)
10/9			Exam 1 (Lectures 01-15)	10/11	18		Complex CPU Scheduling (5.3)	10/13	19		Deadlock (7.1-7.3)
10/16	20		Deadlock Detection & Recovery (7.6, 7.7)	10/18	21		Deadlock Avoidance & Prevention (7.5, 7.4, 7.8)	10/20	22	HW2 (09-18)	Static Memory Allocation
10/23	23		Dynamic Allocation & Relocation (8.2)	10/25	24		Partitioning & Swapping (8.4, 8.3)	10/27	25		Segmentation (8.6)
10/30	26		Paging (8.5, 8.7)	11/1	27		Demand Paging (9.1, 9.2, 9.4)	11/3	28	P2 (10-14)	Page Replacement (9.4-9.7)
11/6	S1		<i>System Programming</i>	11/8			Exam 2 (Lectures 16-28)	11/10	Class Cancelled (Veterans Day Observed)		
11/13	29		File System Operations (10.1, 10.2, 10.4)	11/15	30		File System Data Structures	11/17	31		File System Implementation (10.3, Chapter 11)
11/20	32		File System Improvements	11/22	Class Cancelled (Thanksgiving)			11/24	Class Cancelled (Thanksgiving)		
11/27	33		Disk Management (Chapter 13)	11/29	N1		<i>Networking (15.3-15.7)</i>	12/1	34	HW3 (19-28)	Networking (15.3-15.7)
12/4	35		Distributed Systems (Chapter 16)	12/6	36		Distributed File Systems (Chapter 17)	12/8	37		Discussion of Final Exam

Final Exam will be on Wednesday 13 December, from 10:15am-12:30pm, in the usual classroom (MSB 115). Closed book and closed notes, but calculators are allowed.